

PDS/NSSDCA Deliveries

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PDS Delivery Status Overview

- Overall delivery system running smoothly.
- Back-end (delivery and AIP generation) – No reported problems.
- Ongoing effort to define PDS/NSSDCA interface for PDS4 ingest.
- Ready to test high-volume electronic deliveries.

PDS Large Volume Deliveries

- Data “Toasters” good up to 9-12 TBs, 2 TB Data Bricks used for smaller deliveries.
- NSSDCA’s 60 TB NAS is currently being loaded with about 45 TB of data at Imaging Node.
- NSSDCA connection to Science and Engineering Network (SEN, or Internet2) is complete. All necessary hardware installed.
- NSSDCA will participate in iRODS file transfer, software installed, will be experimenting with PDS Nodes.

PDS NSSDCA Delivery Status

April 10, 2014 (Since 2009)

Node	Outstanding ID Requests	Volumes XMAN ready	Deliveries Received	Volumes Received	Volume Deliveries Pending
Atmospheres	0	767	19	887	8
Geosciences	0	4658	7	4028	659
Imaging	1	1403	5	1336	67
NAIF	0	23	4	60	0
PPI	0	375	12	359	16
Rings	0	15	2	14	1
SBN-PSI	0	343	31	347	1
SBN-UMD	0	275	17	272	4
Total	0	7859	97	7303	756

PDS Deliveries

2014 – 2015 Estimates

Node	2014 (TB)	2015 (TB)
Atmospheres	3	4
Geosciences	14	47
Imaging	230	400
NAIF	0.5	0.6
PPI	4	4
PSI	60	40
Rings	0.6	0.4
Small Bodies	1	2

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Accumulating Data Sets

NSSDCA continues to have budget constraints. NSSDCA is installing an SEN/iRODS system and experimenting with large NAS deliveries to accept data sets for instruments producing large amounts of data.